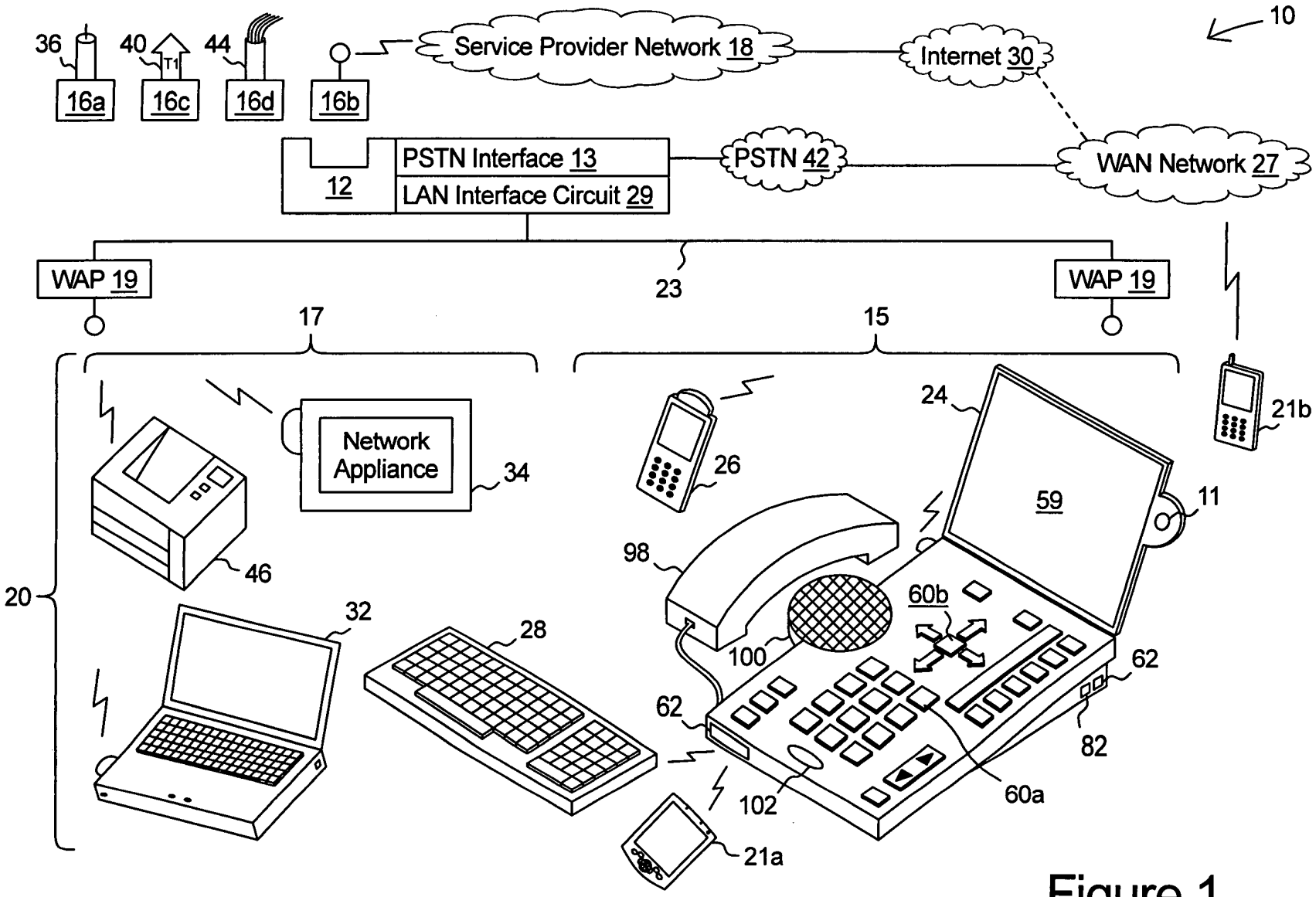

Figure 1

tel038

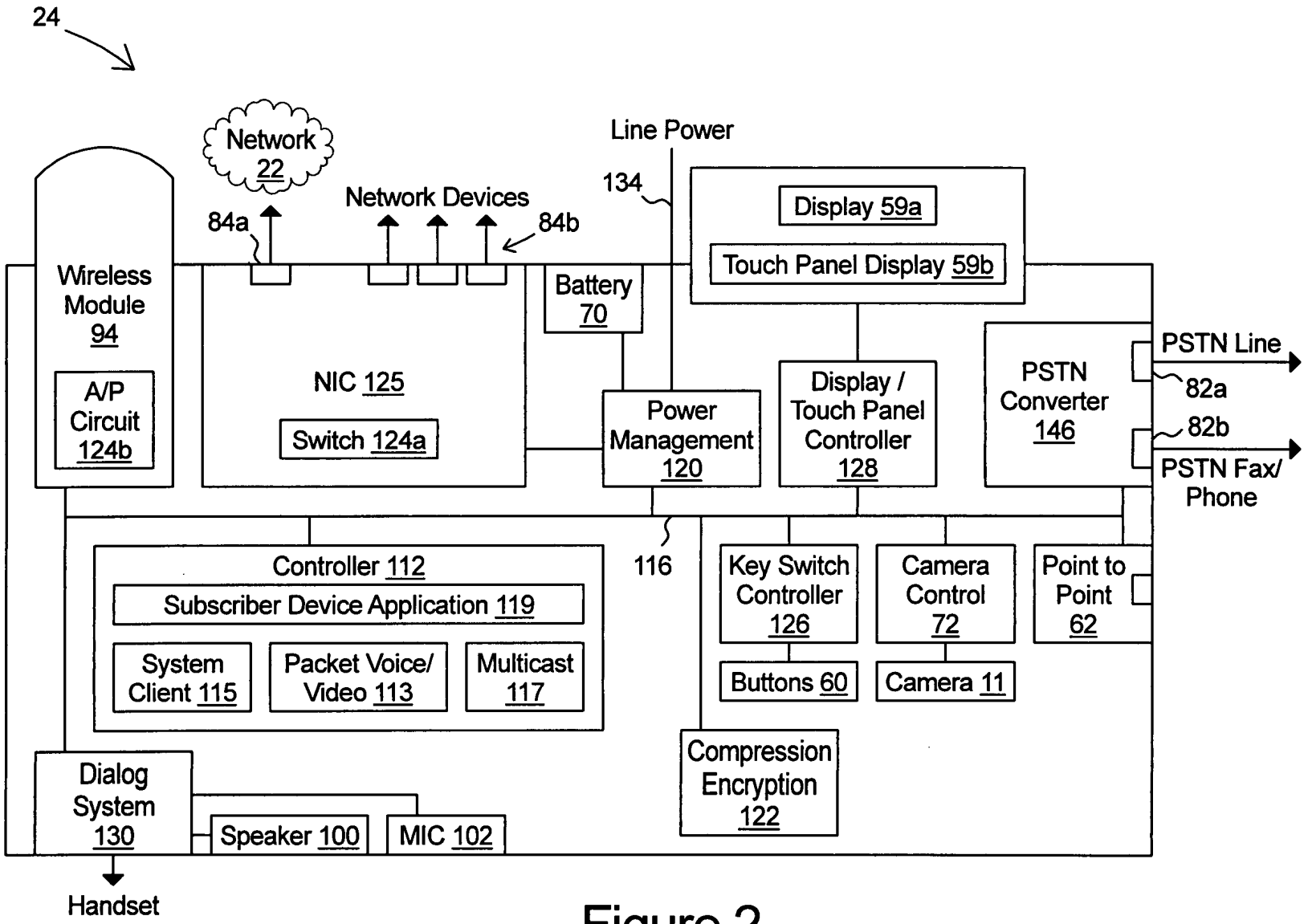
24
Network
22
Network Devices
84a
84b
Line Power
134
Display 59a
Touch Panel Display 59b
Wireless
Module
94
A/P
Circuit
124b
NIC 125
Switch 124a
Battery
70
Power
Management
120
Display /
Touch Panel
Controller
128
PSTN
Converter
146
PSTN Line
82a
82b
PSTN Fax/
Phone
Controller 112
Subscriber Device Application 119
System
Client 115
Packet Voice/
Video 113
Multicast
117
116
Key Switch
Controller
126
Buttons 60
Camera
Control
72
Camera 11
Point to
Point
62
Compression
Encryption
122
Dialog
System
130
Speaker 100
MIC 102
Handset

Figure 2

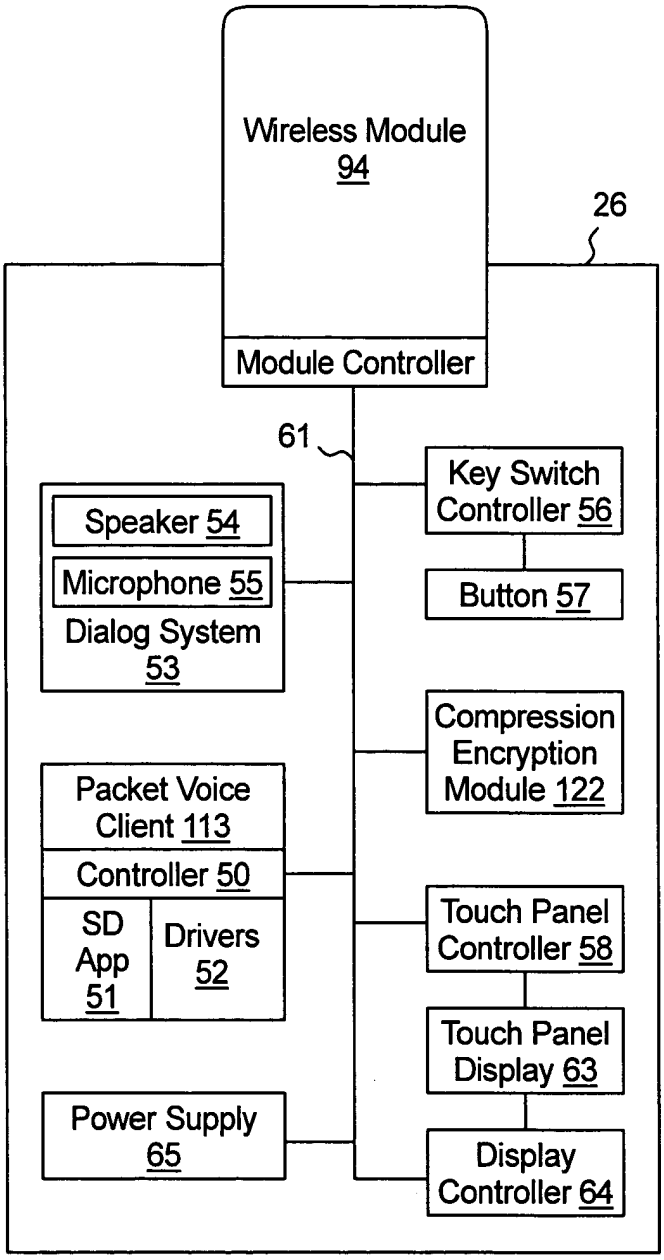
Wireless Module
94
26
Module Controller
61
Key Switch
Controller 56
Button 57
Speaker 54
Microphone 55
Dialog System
53
Compression
Encryption
Module 122
Packet Voice
Client 113
Controller 50
SD
App
51
Drivers
52
Touch Panel
Controller 58
Touch Panel
Display 63
Power Supply
65
Display
Controller 64

Figure 3

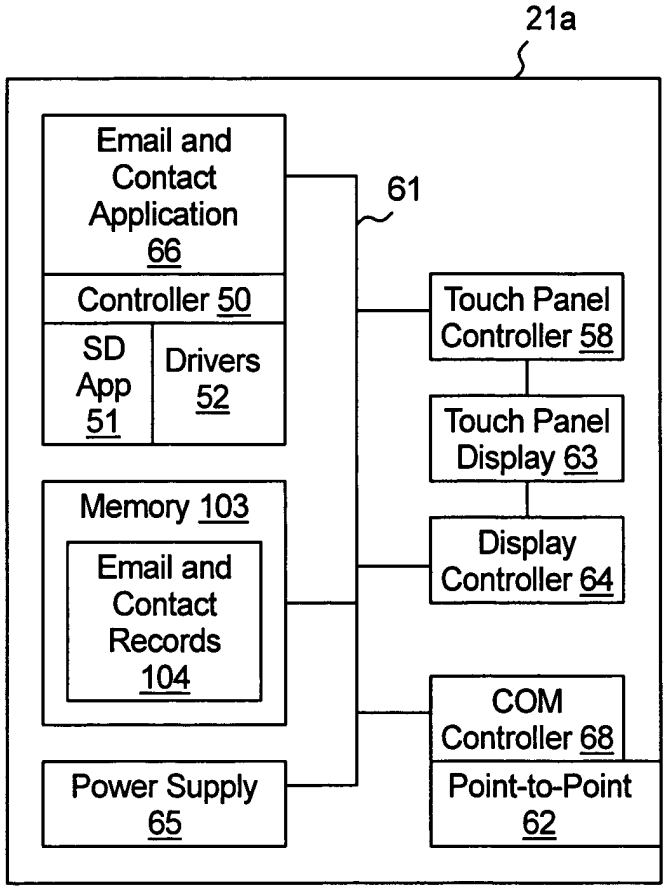
21a
Email and Contact Application 66
Controller 50
SD App 51
Drivers 52
Memory 103
Email and Contact Records 104
Power Supply 65
61
Touch Panel Controller 58
Touch Panel Display 63
Display Controller 64
COM Controller 68
Point-to-Point 62

Figure 4

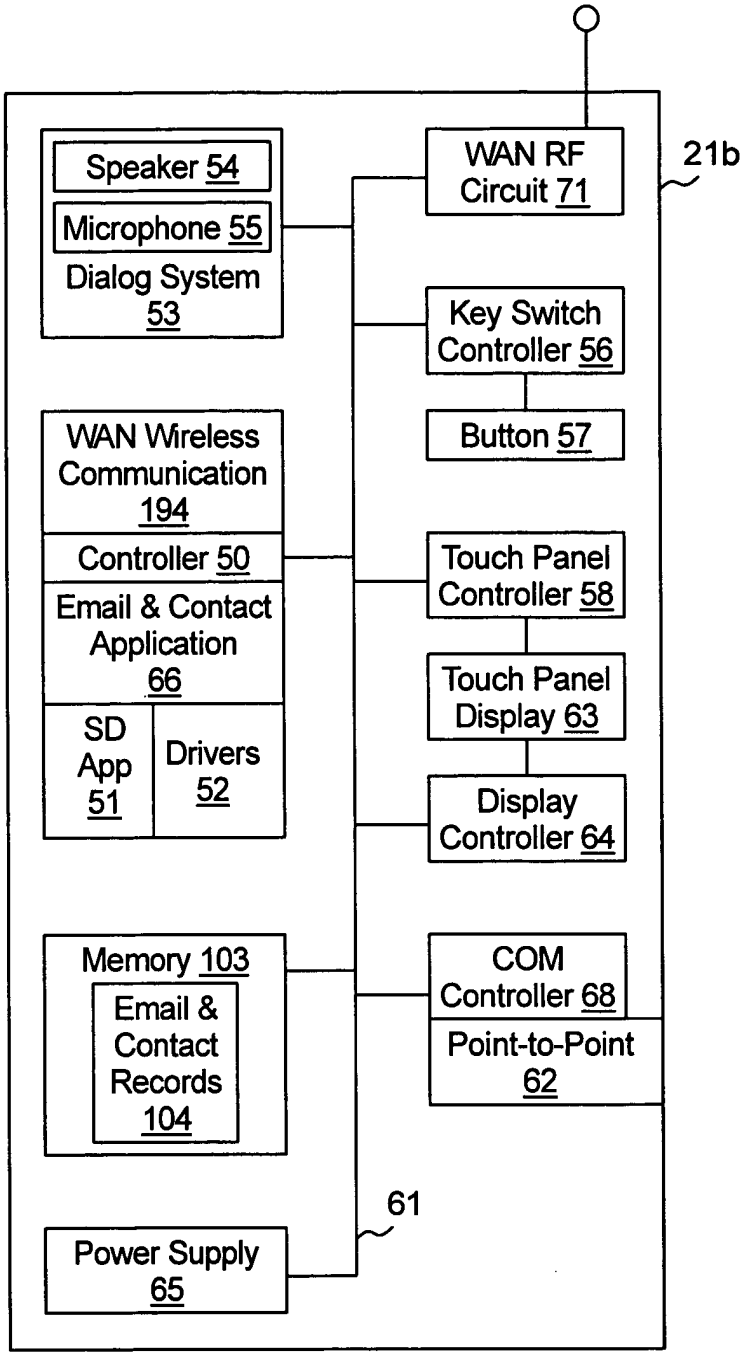
Speaker 54
Microphone 55
Dialog System 53
WAN Wireless Communication 194
Controller 50
Email & Contact Application 66
SD App 51
Drivers 52
Memory 103
Email & Contact Records 104
Power Supply 65
WAN RF Circuit 71
Key Switch Controller 56
Button 57
Touch Panel Controller 58
Touch Panel Display 63
Display Controller 64
COM Controller 68
Point-to-Point 62
21b
61

Figure 5

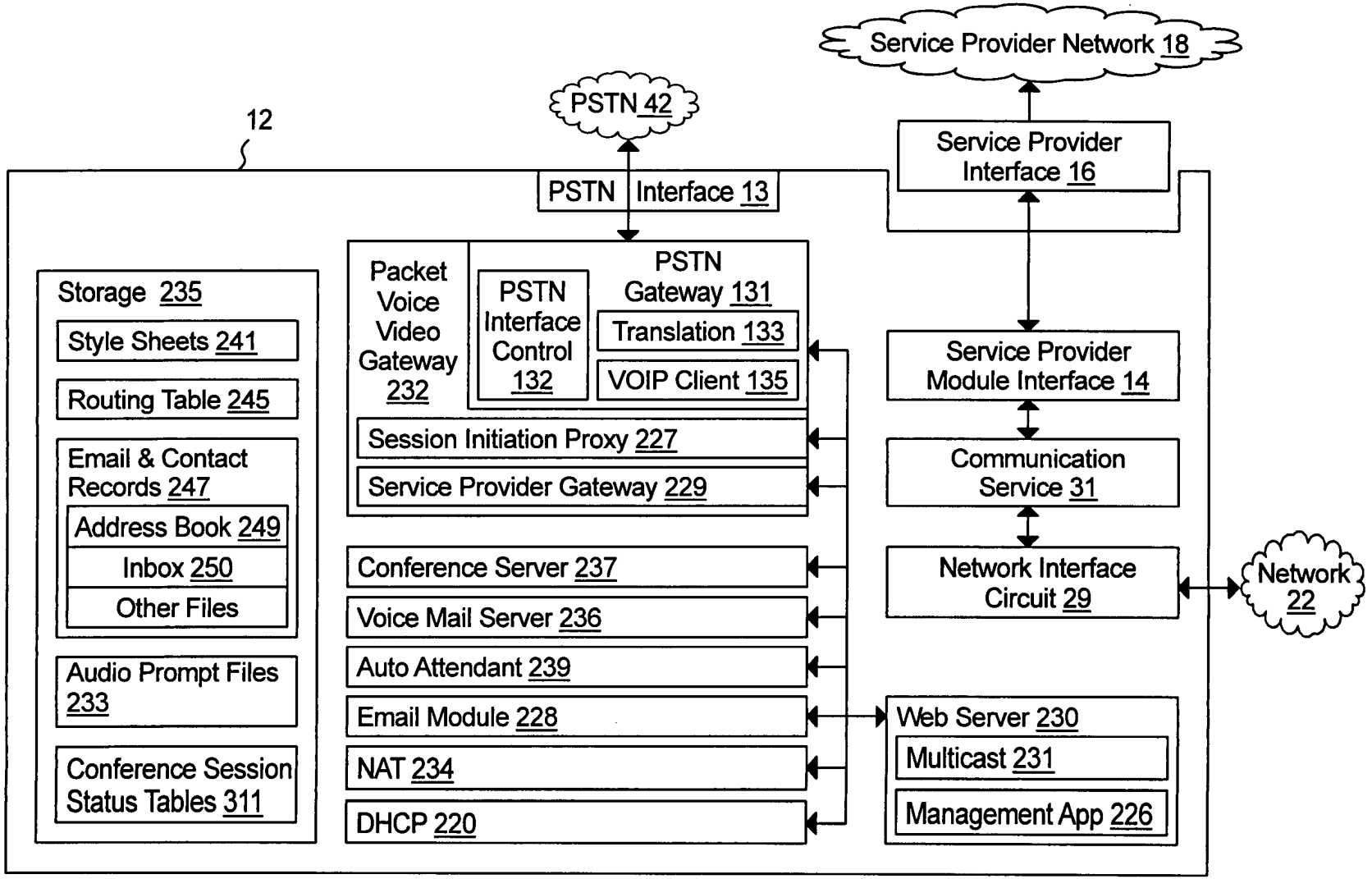
Service Provider Network 18
PSTN 42
12
Service Provider Interface 16
PSTN Interface 13
Storage 235
Style Sheets 241
Routing Table 245
Email & Contact Records 247
Address Book 249
Inbox 250
Other Files
Audio Prompt Files 233
Conference Session Status Tables 311
Packet Voice Video Gateway 232
PSTN Interface Control 132
PSTN Gateway 131
Translation 133
VOIP Client 135
Session Initiation Proxy 227
Service Provider Gateway 229
Conference Server 237
Voice Mail Server 236
Auto Attendant 239
Email Module 228
NAT 234
DHCP 220
Service Provider Module Interface 14
Communication Service 31
Network Interface Circuit 29
Network 22
Web Server 230
Multicast 231
Management App 226

Figure 6

245

	Identifier 246		PDA ID 255	Routing Address 254	Reference Identifier 248
	Number	Name/URL			
251a	X-1000	Auto Attendant	—	Attendant	—
251b	X-1234	Bob	001	192.168.eee.fff	Subscriber Device 001 (3001)
251c	X-3001	Subscriber Device 001	001	192.168.ggg.hhh	Bob's Voice Mail (2234)
251d	X-1236	Marvin	—	192.168.abc.par	Voice Mail
251e	X-1237	Dan	002	192.168.abc.jto	
251f	—	All non-Local SIP URL	—	abc.def.ghi.jkl	
251g	330-555-XXXX	All Remote Office Employees		def.ghi.jkl.mno	330-555-1000
251h	PSTN Numbers	—	—	PSTN Number	

Figure 7

tel03t

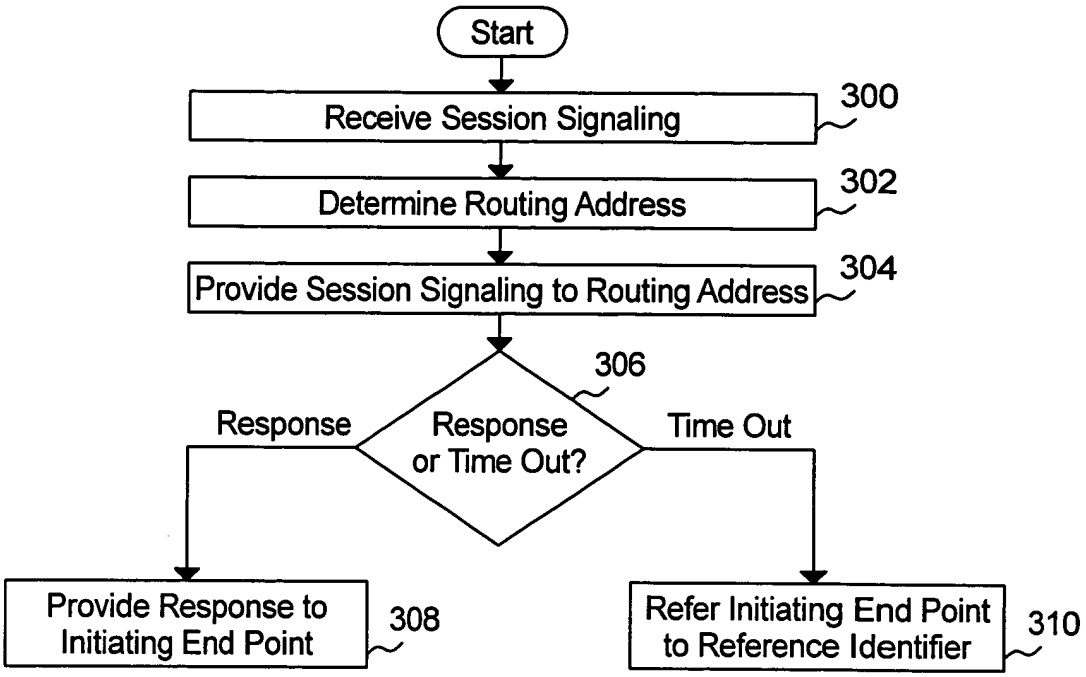

Figure 8

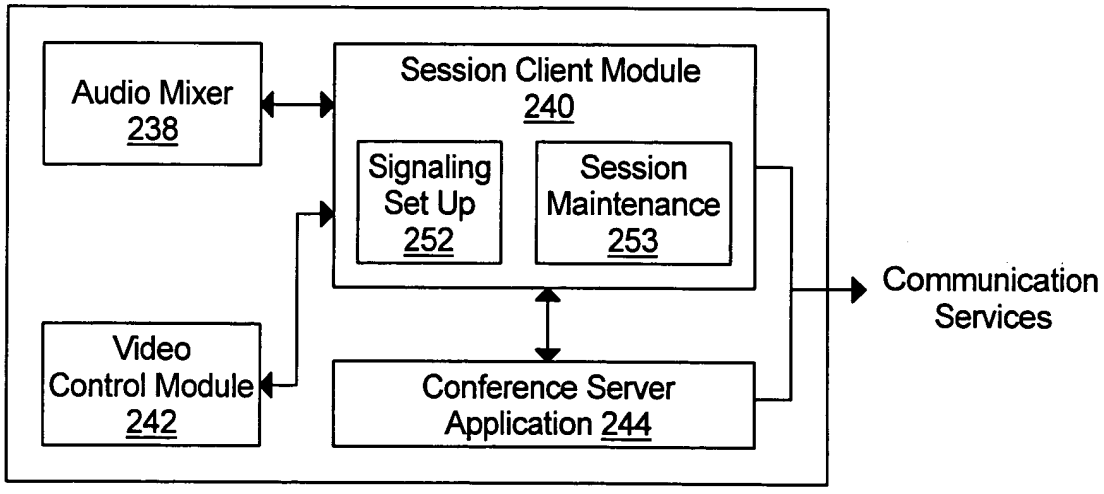

Figure 9

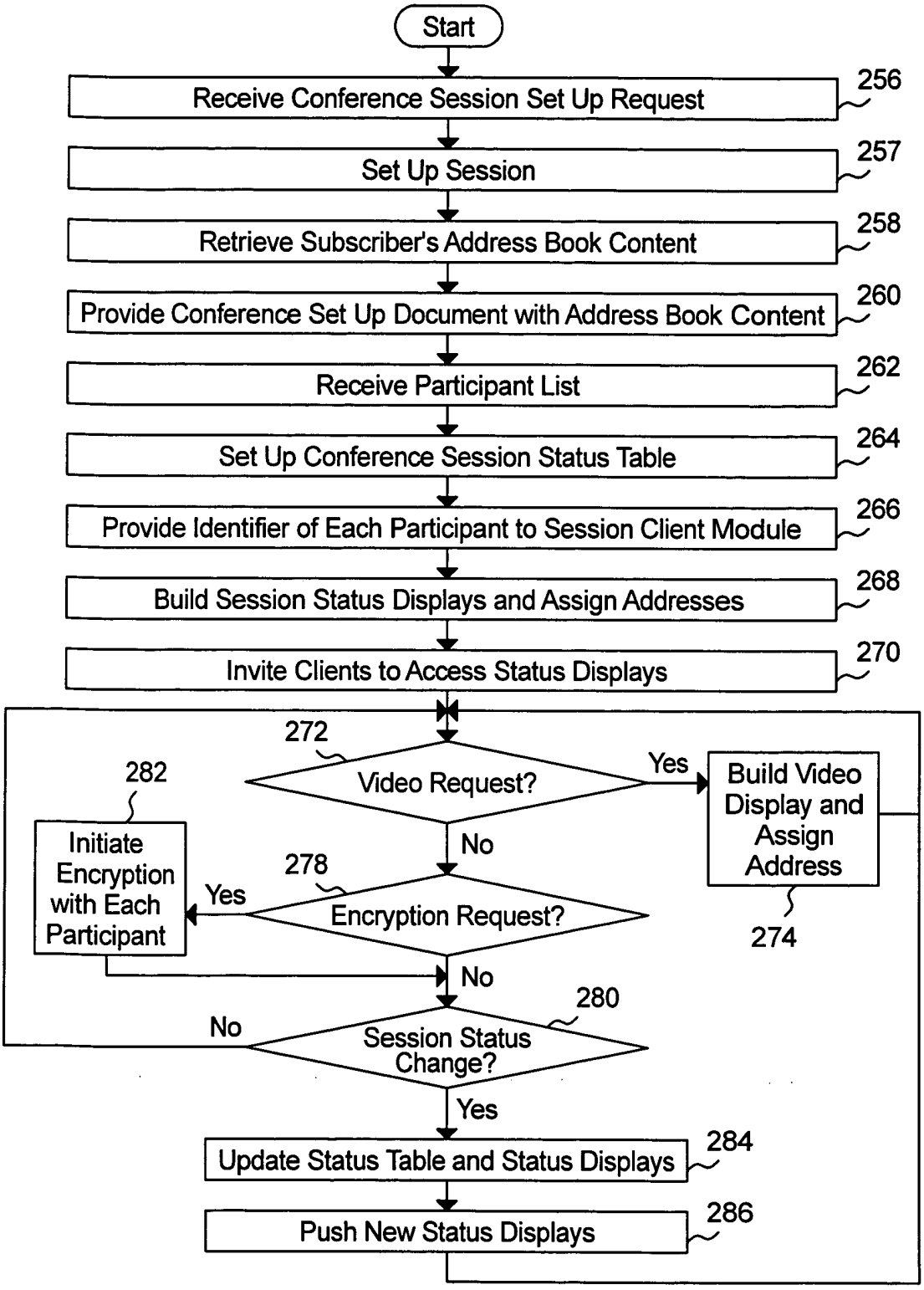
Start
Receive Conference Session Set Up Request
256
Set Up Session
257
Retrieve Subscriber's Address Book Content
258
Provide Conference Set Up Document with Address Book Content
260
Receive Participant List
262
Set Up Conference Session Status Table
264
Provide Identifier of Each Participant to Session Client Module
266
Build Session Status Displays and Assign Addresses
268
Invite Clients to Access Status Displays
270
272
Video Request?
Yes
Build Video Display and Assign Address
274
No
278
Encryption Request?
Yes
282
Initiate Encryption with Each Participant
No
280
Session Status Change?
No
Yes
Update Status Table and Status Displays
284
Push New Status Displays
286

Figure 10

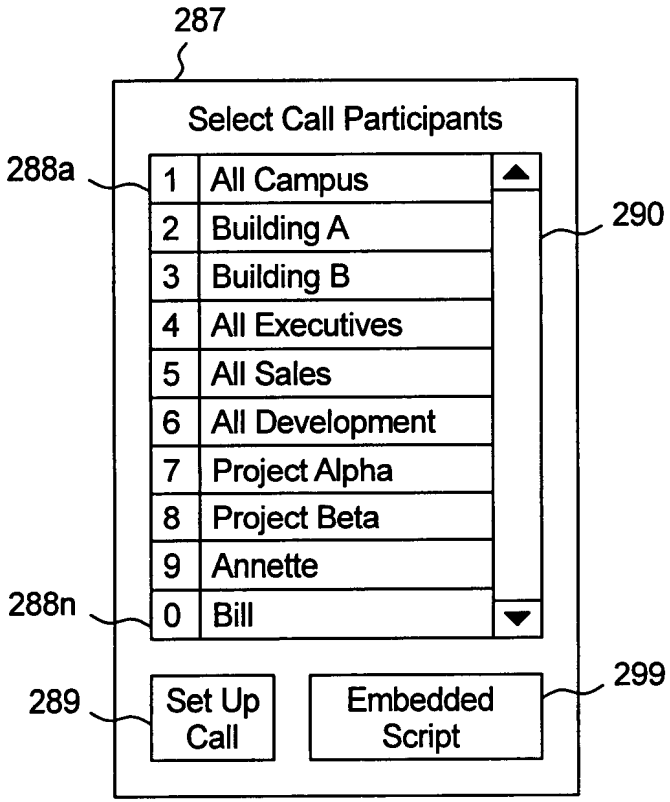

Figure 11a

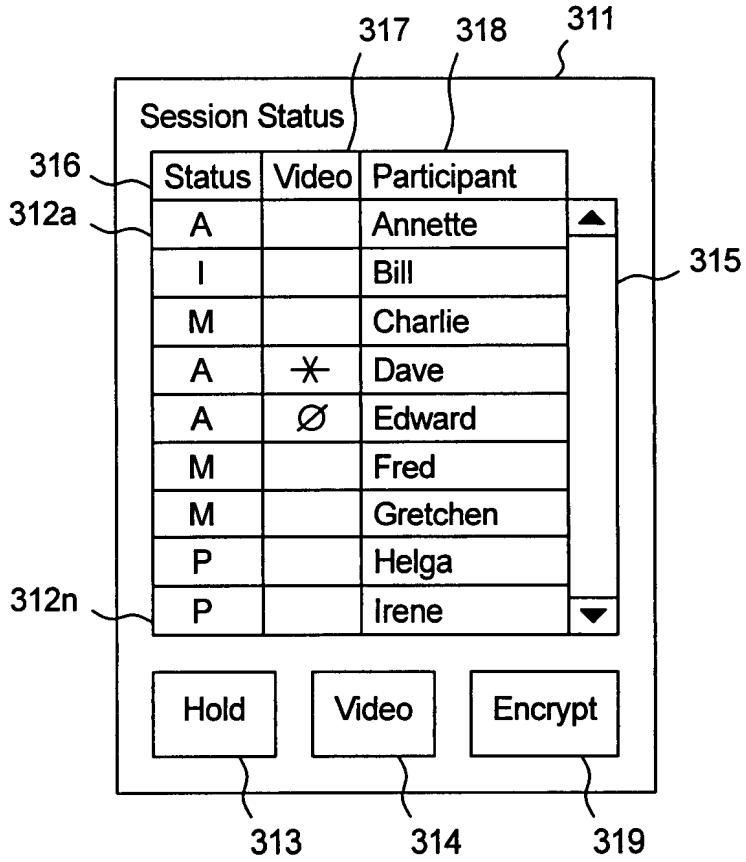

Figure 11b

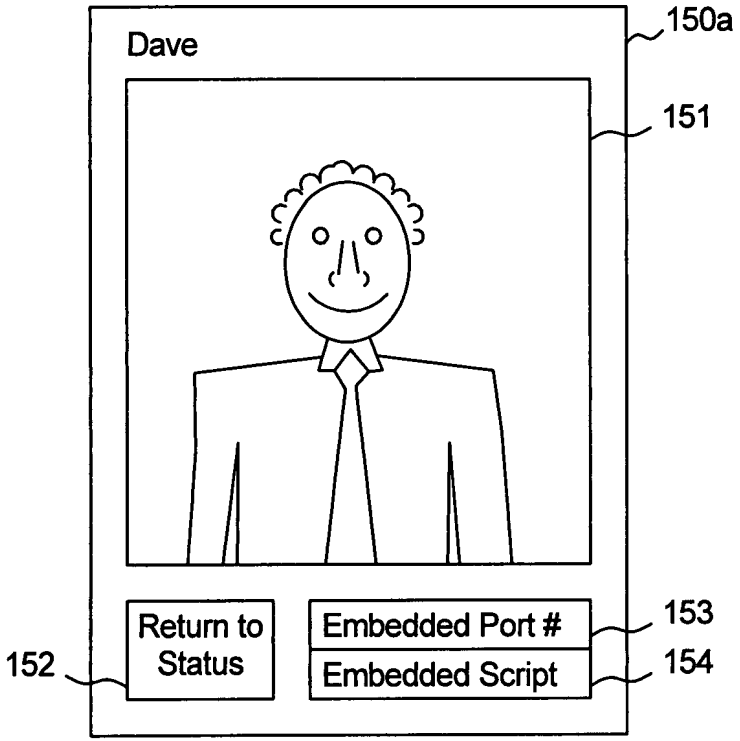

Figure 12a

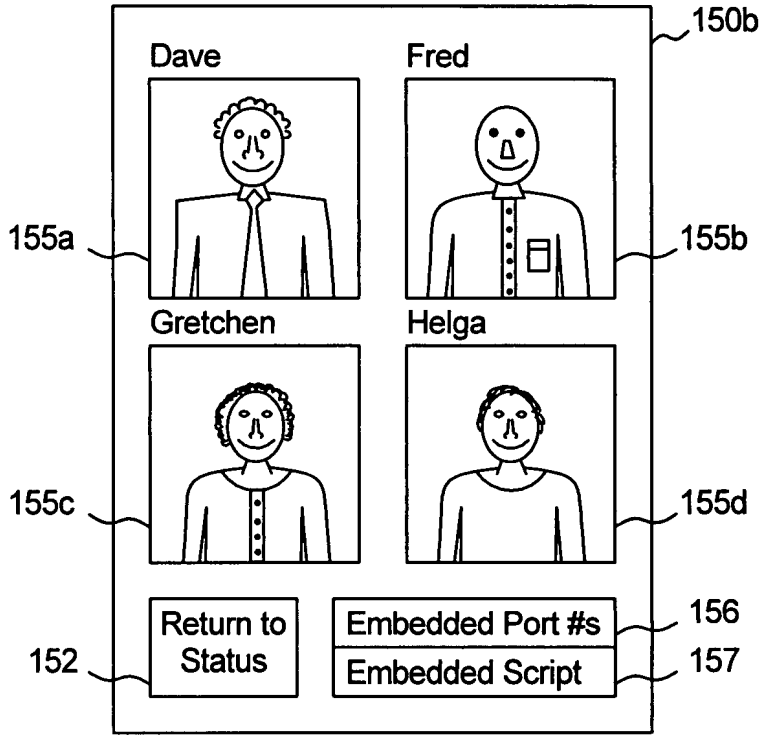

Figure 12b

tel03

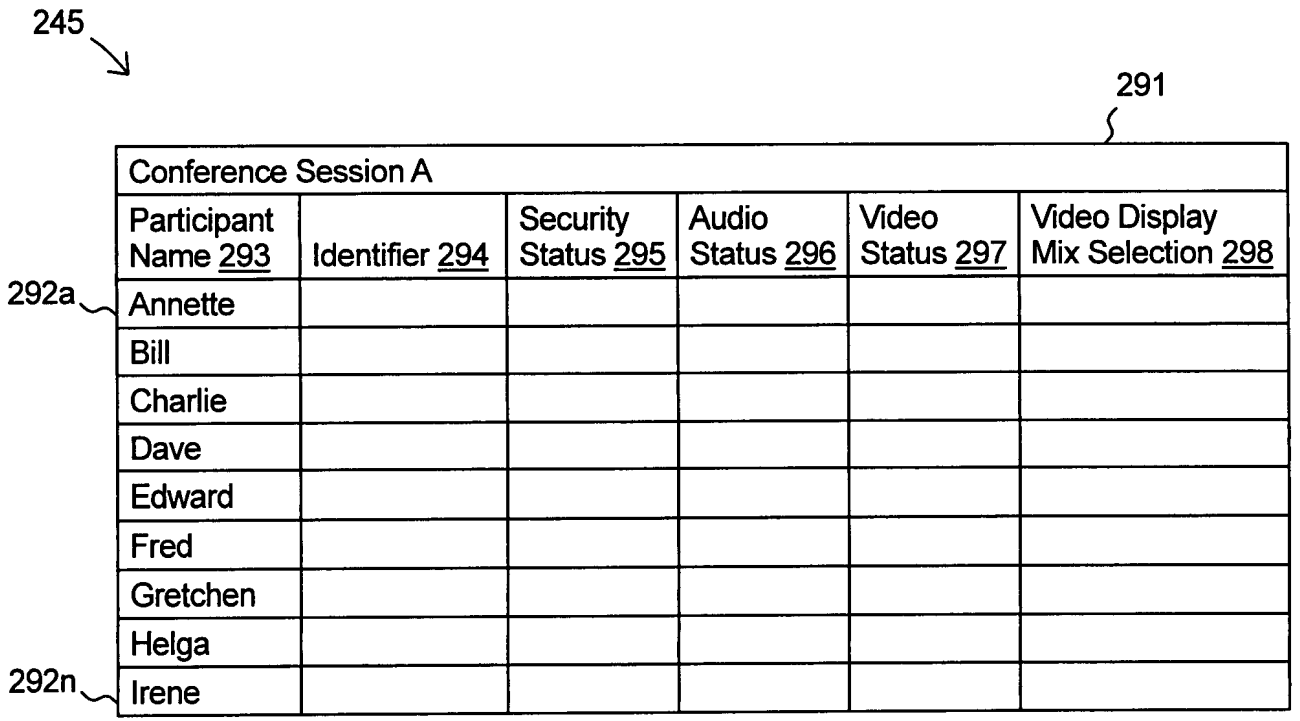

Figure 13

tel03

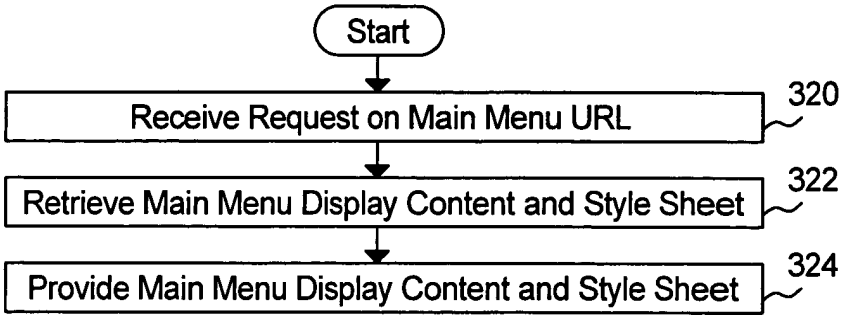

Figure 14a

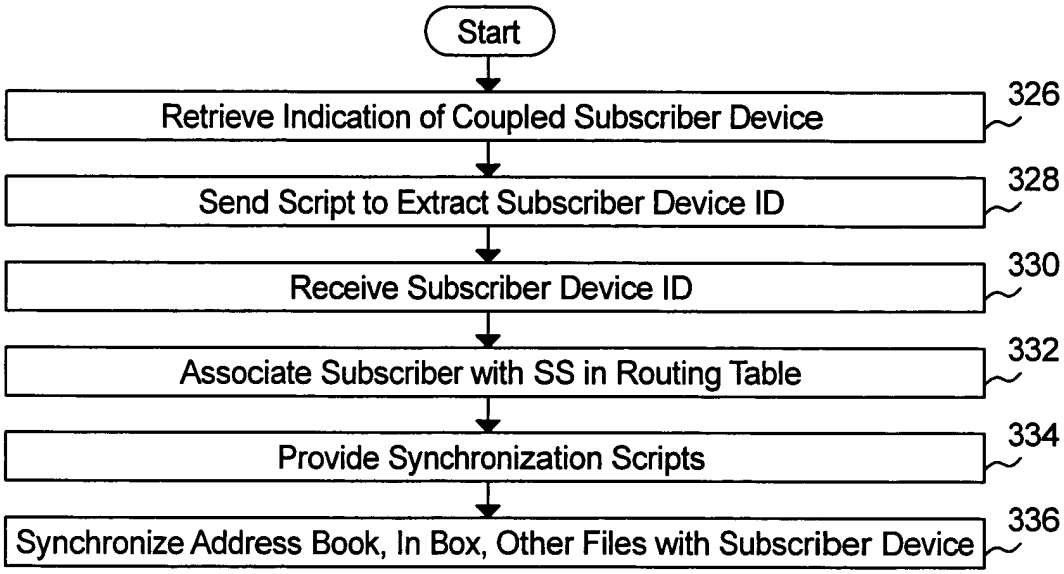

Figure 14b

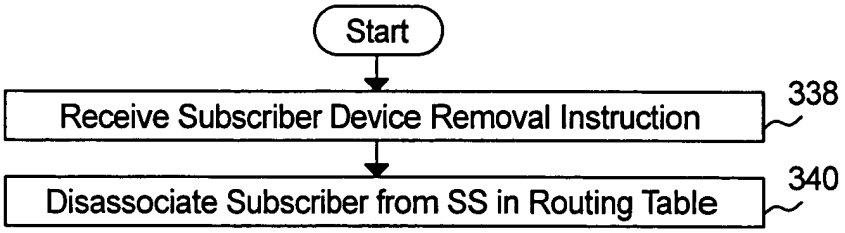

Figure 14c

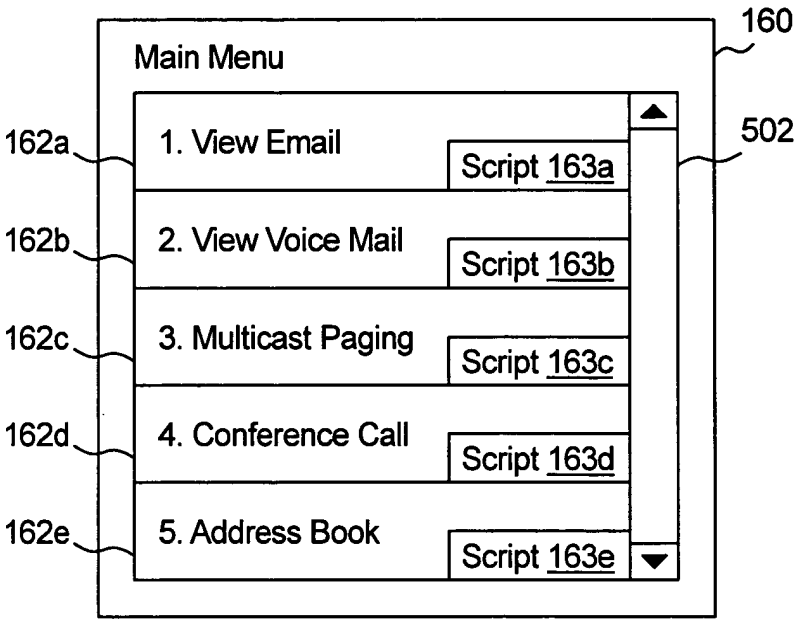
160
Main Menu
162a
1. View Email
Script 163a
502
162b
2. View Voice Mail
Script 163b
162c
3. Multicast Paging
Script 163c
162d
4. Conference Call
Script 163d
162e
5. Address Book
Script 163e

Figure 15

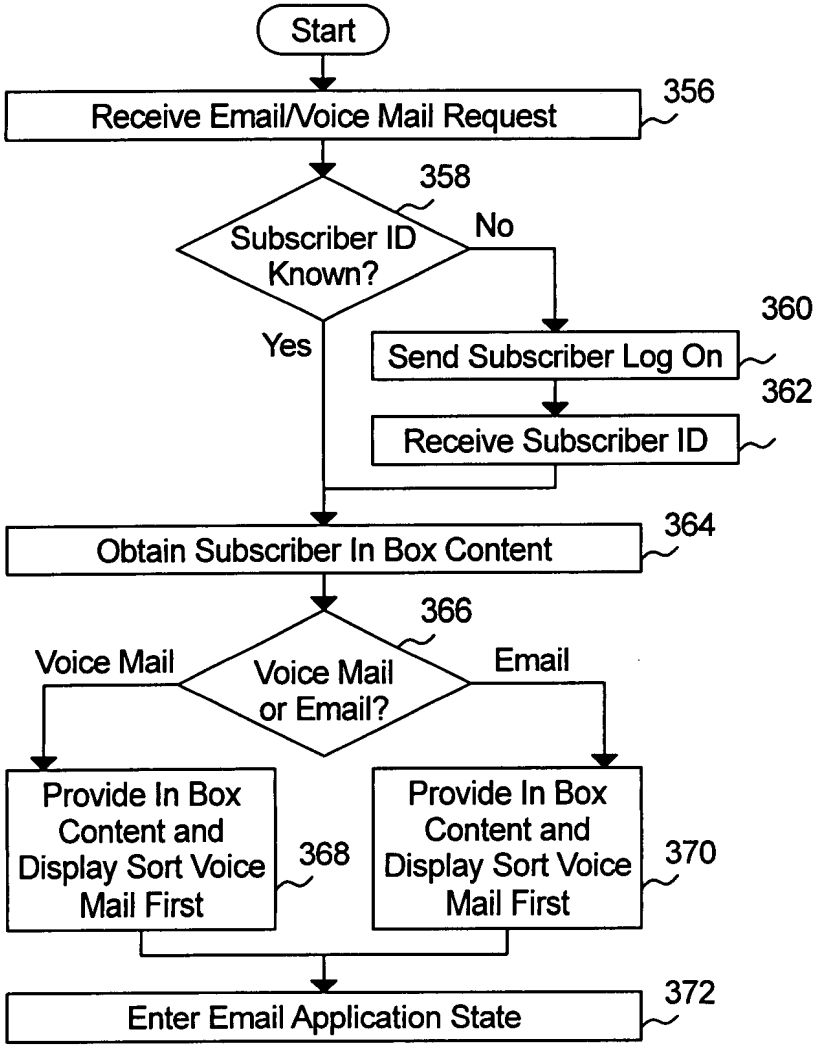

Figure 16a

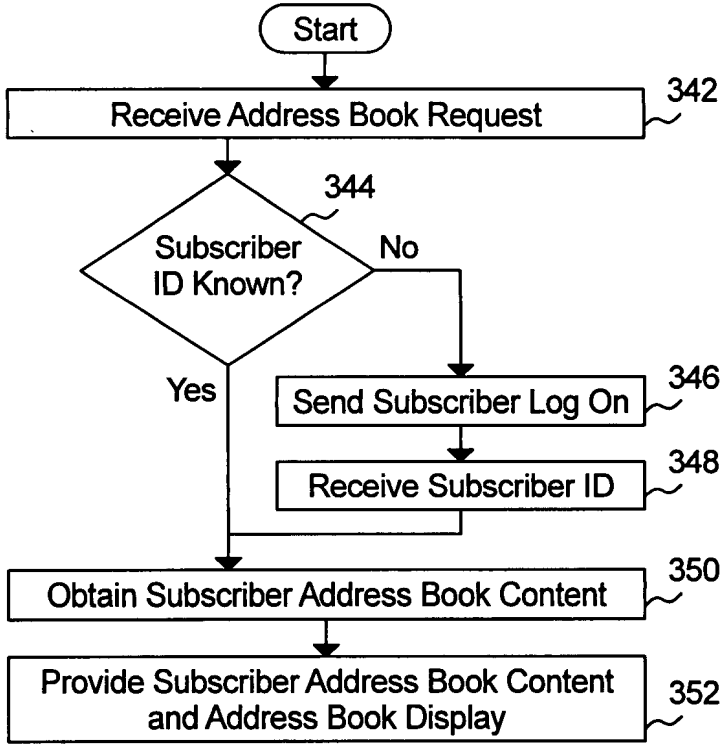

Figure 16b

tel03

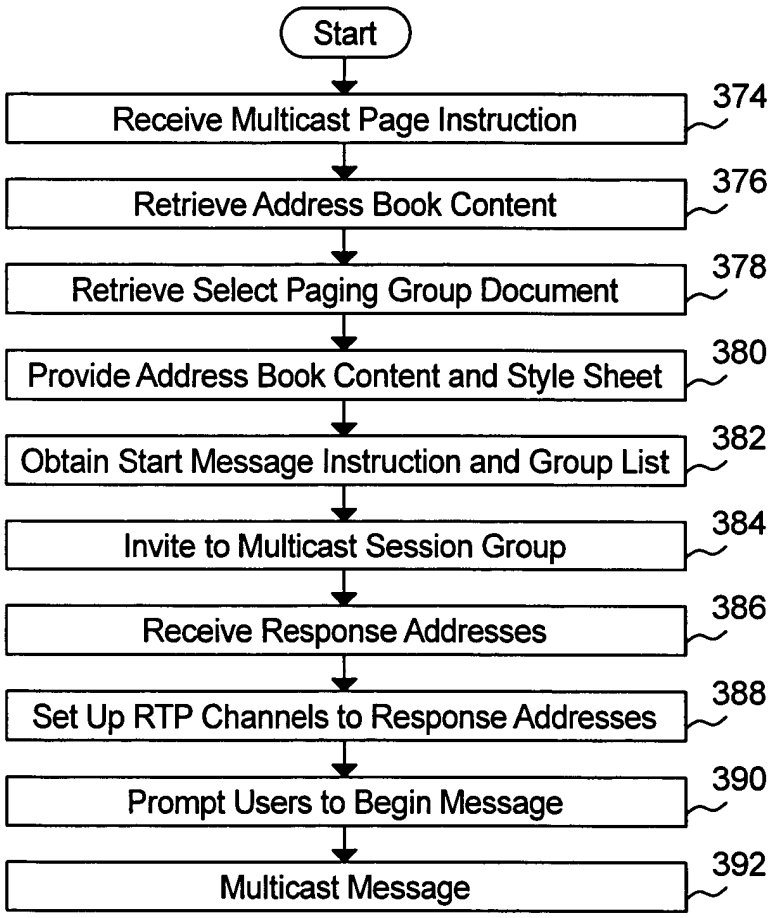
Start
Receive Multicast Page Instruction
374
Retrieve Address Book Content
376
Retrieve Select Paging Group Document
378
Provide Address Book Content and Style Sheet
380
Obtain Start Message Instruction and Group List
382
Invite to Multicast Session Group
384
Receive Response Addresses
386
Set Up RTP Channels to Response Addresses
388
Prompt Users to Begin Message
390
Multicast Message
392

Figure 17

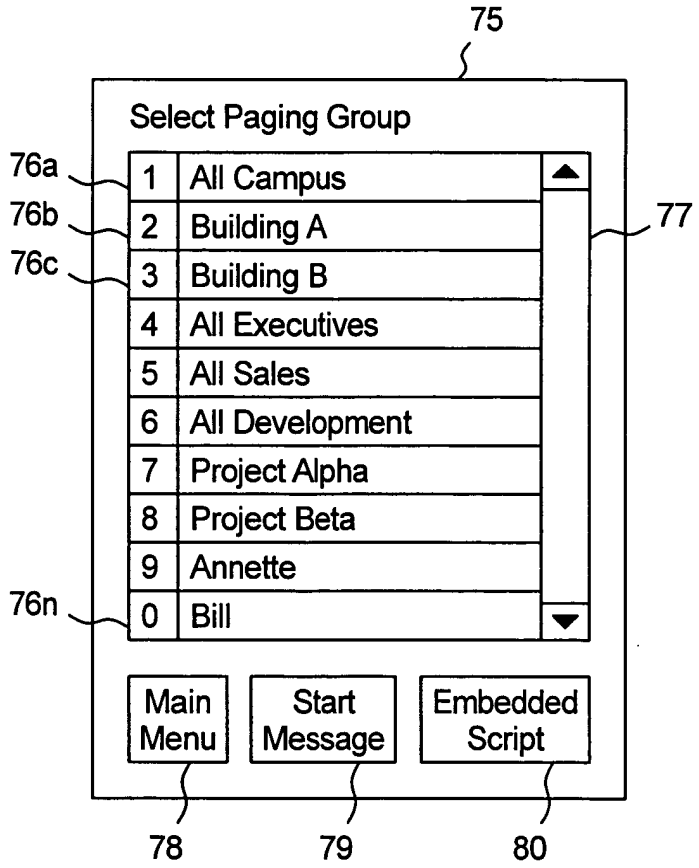
75
Select Paging Group
76a
76b
76c
76n
1 All Campus
2 Building A
3 Building B
4 All Executives
5 All Sales
6 All Development
7 Project Alpha
8 Project Beta
9 Annette
0 Bill
77
Main Menu
Start Message
Embedded Script
78
79
80

Figure 18